Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 03 May 2021 until 23:59 on Tuesday 04 May 2021

Forecast Issued on Monday 03 May 2021 at 00:41

Confidence: High for very unsettled conditions Monday and Tuesday, followed by lighter winds with showers. Also high for below average temperatures. Lower confidence for cloud and precipitation detail.

Headline for Monday 03 May 2021: Soon turning wet and windy, with snow likely across the highest summits for a time. Rain and summit snow clear for a time in the evening before heavy showers follow.

Mountain weather hazards on Monday 03 May 2021

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet showers	Sleet	Sleet	Heavy snow	Heavy Rain	Light rain
Precipitation probability					
50%	60%	90%	90%	90%	70%

Forecast for Monday 03 May 2021

Weather: Cloud gradually thickening through the early hours with some showers arriving towards daybreak. Showers become more frequent and merge into longer spells of rain through the morning. Rain becomes heavy and persistent through the afternoon, falling as snow over the highest summits, gradually clearing again by early evening. However, some blustery showers are expected to spread east later.

Chance of cloud free mountain/hill tops above 600m: 40% at first becoming near Zero by afternoon, then 30-60% during the evening.

Visibility: Occasionally poor above 500m at first, but moderate to good below. However, deteriorating to generally poor or very poor above around 400m by afternoon in extensive cloud. Improving mostly good for a time in the early evening as cloud breaks, but further deteriorations to poor in heavy showers, especially above 400-500m, as the evening progresses.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Monday 03 May 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 S	16/22 S	24/33 S	28/38 S	22/31 SW	18/25 SW	13/20 W
300	5/11 S	10/19 S	16/31 S	18/37 S	13/28 SW	10/23 SW	8/18 W
Valley	3/9 E	7/16 S	13/29 S	16/36 S	11/25 SW	8/21 SW	7/16 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	2/-3	2/-4	1/-7	4/-2	3/-2	3/-1
300	4/2	5/2	4/-0	3/-2	6/3	5/2	5/2
Valley	5/4	6/4	6/2	4/-0	8/5	6/4	6/4
Freezing Level*	900m	900m	900m	700m	1200m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Occasional gusts around 50mph during the afternoon across the highest summits could give a chance of temporary blizzard conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 02 May 2021	0mm	0mm	0.2mm

Forecast for Tuesday 04 May 2021

Weather: Further rain or showers, with sleet or snow over the higher summits, on Tuesday will only slowly clear south through the day. However, by evening mostly dry conditions with clear spells are expected to develop.

Maximum wind: Northwest 30mph gusts 40-45mph Tuesday morning, slowly easing towards evening.

Chance of cloud free mountain/hill tops above 600m: Near Zero through much of the morning but improving to around 80% by evening.

Visibility: Mostly poor or very poor above around 400m through the morning, gradually improving through the afternoon to become mostly good into the evening.

Temperature: **Valleys:** Plus 5 degrees Celsius becoming Plus 8 degrees Celsius.
At 600m: Plus 2 degrees Celsius, falling to Minus 1 Celsius later.
Freezing level: 800m falling to 500m through the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved